

DERWENT- 2001-642458

ACC-NO:

DERWENT- 200228

WEEK:

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Manufacture of vinyl chloride group polymer for pipes, involves using polymerizer equipped with vinyl chloride monomer supply pipeline, aqueous medium supply pipeline and polymerization initiator supply nozzle

PATENT-ASSIGNEE: KANEKA CORP[KANF]

PRIORITY-DATA: 2000JP-0062573 (March 7, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001247605	A September 11, 2001	N/A	006	C08F 002/01

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2001247605A	N/A	2000JP-0062573	March 7, 2000

INT-CL (IPC): C08F002/00, C08F002/01 , C08F002/18 , C08F014/06

ABSTRACTED-PUB-NO: JP2001247605A

BASIC-ABSTRACT:

NOVELTY - Vinyl chloride (VC) group polymer is manufactured using a polymerization unit (1) equipped with a pipeline (3) for supplying VC or VC and a monomer which can be copolymerized with VC, a pipeline for supplying heated, degassed aqueous medium and a polymerization initiator supply nozzle (2). The nozzle (2) is installed with its end pointing upwards, upstream of cutoff valve (4) to unit (1) and pipeline (3).

DETAILED DESCRIPTION - Vinyl chloride group polymer is manufactured using a polymerization unit (1) provided with a **pipeline** (3) for supplying vinyl chloride (VC) or VC and a **monomer** which can be copolymerized with VC, **pipeline** for supplying heated, degassed aqueous medium and a polymerization initiator **supply** nozzle (2). The **supply** nozzle is installed with its end pointing upwards, upstream of cutoff valve (4) to polymerization unit and **monomer** charge **pipeline**, and supplies the initiator into polymerization machine. An INDEPENDENT CLAIM is also included for the polymerization apparatus of vinyl chloride group polymer.

USE - For polymerizing vinyl chloride group polymer used in pipe, film, industrial board, window frame, wire coating and wrapping film.

ADVANTAGE - Scale formation in the vinyl chloride group **monomer supply pipeline** and polymerization initiator **supply pipeline** are prevented by carrying out continuous production of the polymer. Vinyl chloride group polymer is manufactured stably over a long period of time without the generation of fish eye.

DESCRIPTION OF DRAWING(S) - The figure shows an example of the polymerization machine.

Polymerization unit 1

Polymerization initiator supply nozzle 2

Vinyl chloride monomer supply nozzle 3

Cutoff valve 4

CHOSEN- Dwg.1/2
DRAWING:

TITLE- MANUFACTURE VINYL CHLORIDE GROUP POLYMER PIPE POLYMERISE
TERMS: EQUIP VINYL CHLORIDE MONOMER SUPPLY PIPE AQUEOUS MEDIUM
SUPPLY PIPE POLYMERISE INITIATE SUPPLY NOZZLE

DERWENT-CLASS: A14

CPI-CODES: A04-E02E; A04-E03E; A08-S02; A10-B01; A11-A; A12-H02;

ENHANCED- Polymer Index [1.1] 018 ; R00338 G0544 G0022 D01 D12
POLYMER- D10 D51 D53 D58 D69 D82 C1 7A ; H0000 ; H0011*R ; L9999
INDEXING: L2573 L2506 ; L9999 L2528 L2506 ; S9999 S1285*R ; K9392
; P1796 P1809

Polymer Index [1.2] 018 ; ND03 ; ND05 ; J9999 J2915*R ;

Q9999 Q8731 Q8719 ; N9999 N6177*R ; Q9999 Q8731 Q8719 ;
Q9999 Q9358 ; Q9999 Q7114*R ; K9596 K9483 ; K9676*R ;
Q9999 Q8560 Q8366

Polymer Index [1.3] 018 ; C999 C088*R C000 ; C999 C293

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2001-190487

(6)

特開2001-247605

9

10

ニル系重合体を製造できる。

【図面の簡単な説明】

【図1】本発明の実施態様の例を示す図である。

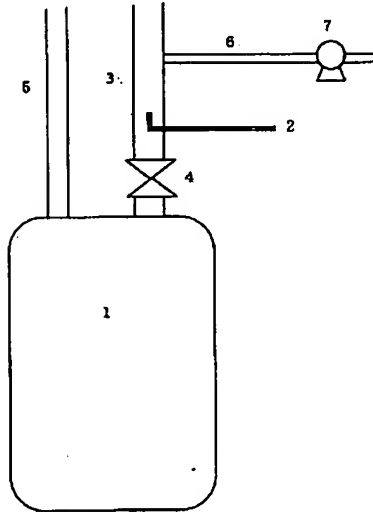
【図2】本発明の別の実施態様を示す図である。

【符号の説明】

1 重合機

- 2 重合開始剤仕込ノズル
- 3 塩化ビニル単量体仕込配管
- 4 遮断弁
- 5 加熱脱気水性媒体仕込配管
- 6 洗浄水供給配管
- 7 洗浄水供給ポンプ

【図1】



【図2】

